

Title (en)
A plug-in connector element

Title (de)
Steckverbindungsteil

Title (fr)
Element de connexion enfichable

Publication
EP 1389808 A3 20041103 (EN)

Application
EP 03014227 A 20030625

Priority
DE 10237666 A 20020816

Abstract (en)
[origin: EP1389808A2] A plug-in connector element (14) for an appliance plug-in connection in the form of a connector element or socket element is provided and has a housing (13) to receive in axial direction and in axially secured and radially centered engagement, preferably a plurality of pin contacts or socket contacts (11), each located in a stepped bore cavity (12), and having a spring clip unit (10) which engages an undercut region (18) of the connector element or socket element and which is capable of being compressed radially for latching engagement in the stepped bore cavity (12). So that for a plug-in connector element of this kind, the spring clip unit is suitable both to provide axially secured and radially centred seating, and also to contribute to a reduced overall height and to a reduced mounting force, it is envisaged that the spring clip unit (10), which is comprised of plastic, includes a first clip element (25) for securing the pin element or socket element axially in the bore cavity (12), and furthermore comprises a second clip element (35) which centres the pin element or socket element radially in the bore cavity (12), the first and second clip elements being in axial concentric arrangement one behind the other. <IMAGE>

IPC 1-7
H01R 13/434

IPC 8 full level
H01R 13/434 (2006.01)

CPC (source: EP US)
H01R 13/434 (2013.01 - EP US); **Y10T 403/70** (2015.01 - EP US)

Citation (search report)
• [A] DE 29907495 U1 19990805 - HARTING KGAA [DE]
• [A] US 2477849 A 19490802 - ADAMS CHARLES J

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DOCDB simple family (publication)
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